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OTHR

April 28, 1994

Ms. Nardy Drew
County of Los Angeles,
Public Works Department
Waste Management Division
P.O. Box 1460
Alhambra, CA 91802-1460

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DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

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Subject: REQUEST FOR CASE CLOSURE (File #13822, #1-1401-1H)

**Reference: Mission Linen Service Facility
11906, 11920 East Washington Blvd.
Whittier, California**

Dear Ms. Drew:

Metcalf & Eddy, Inc. (M&E) has been retained by Mission Industries (MI) to assist in agency interaction and case closure of two former underground storage tank (UST) areas located at the above-referenced former Mission Linen Service Facility. This letter summarizes the UST removal and follow-up activities that occurred between 1987 and 1991 and it is based on the information presented in the tank closure and site assessment reports previously submitted to the Department of Public Works (DPW).

The site consists of two adjacent parcels located at 11906 and 11920 East Washington Blvd in Whittier, California. The attached figure is a map showing the two former tank areas located on each parcel and the soil sampling locations within each tank excavation. The facility was decommissioned in 1992, and the building structures were then demolished and removed. The original concrete flooring and asphalt remain in place covering the entire site except for two earthen grass covered areas situated on opposite ends of the 11906 parcel.

In June and November 1987, a total of five USTs (gasoline, diesel, and waste oil) ranging in capacity from 550 to 10,000 gallons were removed from the facility. Excavated soils were stockpiled onsite at that time pending disposition. The 11906 UST excavation remained open up to 1992 (a period of 5 years) at which time it was backfilled during decommissioning activities. Additional verification sampling of the 11906 UST excavation pit was performed by M&E in December 1991. The UST pits on the 11920 parcel were over-excavated to remove additional soils in October 1987. The excavation was then backfilled with clean fill and the additional excavated volume of soil was stockpiled onsite.

At this time, both 11906 and 11920 UST excavation areas are found to be backfilled and the associated soil stockpiles are no longer present. M&E has researched the disposition of the stockpiled soils but was unable find any records relating to its handling and disposal. In a recent

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discussion with the former facility manager, he indicated, based on his memory of that time period, that the stockpiles were apparently distributed and re-graded onsite during the decommissioning of the facility. It is possible that the 11906 UST excavation was backfilled with the stockpiled soil. We will continue to search for data indicating the fate of these soils.

A more detailed discussion pertaining to the chronology of UST activities for the facility is provided below. It is based on review of our records, photo documentation, personal communication with MI personnel, and the attached reports:

- Underground Tank Closure Report (Jon's Equipment)
Mission Linen and Uniform Service
11920 E. Washington Blvd
Whittier, CA 90606-2670
September 1987
- Site Investigation Report (Tetra Tech)
Mission Uniform and Linen Service
11920 E. Washington Blvd
Whittier, California
November 1987
- Underground Tank Closure Report (Tetra Tech)
Mission Linen and Uniform Service
11906 Washington Blvd
Whittier, CA 90606-2670
January 1988
- Summary of Findings (Metcalf & Eddy, Inc)
Underground Storage Tank Excavation Pit
Mission Industries Whittier Facility
December 1991

BACKGROUND

11920 E. Washington Blvd.

Tank Removal, June 1987

In June 1987, Mission Industries contracted the removal of one 4,000 gallon gasoline tank and one 2,000 gallon diesel tank from their 11920 E. Washington Blvd property. Contaminated soil was excavated from both tank locations and stockpiled on site. Soil

samples were collected from beneath the previously existing tanks. Two soil samples were collected approximately two feet below the 4,000 gallon gasoline tank location, one from the north end and one from the south end of the tank. Two additional soil samples were collected from approximately two feet below the 2,000 gallon diesel tank, one from the east end and one from the west end. Analytical results for the samples collected are reported as Total Petroleum Hydrocarbons (TPH) in parts per million (ppm) by weight equivalent and are summarized below.

Gasoline Tank	Results (EPA Method 8015M)
North End	Not Detected
South End	900 ppm
Diesel Tank	Results (EPA Method 418.1)
East End	1,700 ppm
West End	59 ppm

Remedial Activities, October 1987

Based on the analytical results from the soil samples collected during the tank removal additional excavation of contaminated soil was performed and verification samples were collected. Three soil samples were collected from the gasoline tank excavation: one from the north end, one from the south end, and one from the base of the east side wall. Two soil samples were also collected from the north and south end of the diesel tank excavation. The analytical results for the soil samples collected during the remedial activities are summarized below.

Gasoline Tank	Results (EPA Method 8015M)
North End	Not Detected
South End	0.2 ppm
East Side Wall	0.1 ppm
Diesel Tank	Results (EPA Method 8015M)
North End	18 ppm
South End	10 ppm

The results of the soil samples collected following remedial activities indicated hydrocarbon contamination was limited in extent and concentrations were low to not detected. The documentation of the tank testing activities conducted for the 11920 E. Washington Blvd location are reported in the 1987 Tank Closure Report prepared by Jon's Equipment and the 1987 Site Investigation Report prepared by Tetra Tech.

11906 E. Washington

Tank Removal, November 1987

A second Mission Linen Service property located at 11906 E. Washington Blvd also had three USTs removed in November 1987. According to the Tetra Tech report the USTs consisted of one 10,000 gallon diesel tank, one 6,000 gallon gasoline tank, and one 550 gallon waste oil tank. Following the removal of the three tanks, evidence of soil contamination was observed at the north ends of both the gasoline tank and the diesel tank. Some discoloration and odor associated with the excavated soil was also observed. A total of five soil samples were collected beneath the bottom of the tank locations and analyzed for total hydrocarbons using EPA Method 8015M. Two soil samples were collected from the diesel tank, one from the north and one from the south end, two soil samples were similarly collected from the gasoline tank excavation, and one soil sample was collected from the center of the waste oil tank excavation. Results for the samples are summarized below.

Diesel Tank	Results (EPA Method 8015M)
North End	6,380 ppm
South End	ND
Gasoline Tank	Results (EPA Method 8015)
North End	41,500 ppm
South End	ND
Waste Oil Tank	Results (EPA Method 8015M)
Center	ND

Verification Sampling, November 1991

Verification samples were collected in November 1991 from both the diesel and gasoline tank locations. The verification samples were collected from an excavation pit where the diesel and gasoline tanks were removed. A total of three soil samples were collected from the excavation pit: one from the base of the east wall, one from the base of the west wall, and one from the center of the pit. The samples were analyzed for organic lead and total petroleum hydrocarbons (TPH) as diesel and gasoline by EPA Method 8015. Analytical results for all of the samples are summarized below.

Sample Location	Results(EPA Method 8015)	Results(Organic Lead)
East Wall	< 10 ppm	< 5 ppm
West Wall	< 10 ppm	< 5 ppm
Center	< 10 ppm	< 5 ppm

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The tank excavations and related soil testing activities conducted for the 11906 E. Washington Blvd property are documented in the 1988 Tank Closure Report prepared by Tetra Tech and the 1991 Summary of Findings, UST Excavation Pit prepared by M&E.

M&E observed the old tank excavation area and the soil that had been removed during tank removal. Approximately 80 cubic yards of soil was adjacent to the excavation. Visual observation of the soil pile did not indicate the presence of hydrocarbons. A trowel was stuck approximately 2 feet into the soil pile 4 feet from ground surface. The soil did not appear to be impacted.

DISCUSSION

A general appraisal of the data presented above indicates that there is no significant TPH impacted soil remaining at the former MI facility. This appraisal is based on the assumption that data are representative of general subsurface conditions of the soils surrounding the former USTs. Actual conditions may vary from those indicated by the information obtained during UST site work.

The remedial work that was completed by Tetra Tech relating to the additional removal of TPH impacted soil from the former UST excavation at the 11920 parcel was indicated to be successful and can be considered to have adequately addressed UST compliance requirements. No further action is indicated.

In regards to the limited TPH impacted soil found within the former UST excavation at the 11906 parcel which was reported in the 1987 Tetra Tech Tank Closure Report, the verification samples collected by M&E in 1991 from within the former UST excavation indicated no TPH impacted soil was present. It is, therefore, proposed that TPH impacted soil appears not to be a concern for the site and should not be considered for further action.

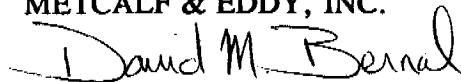
In response to the DPW's letter dated April 28, 1988 regarding the 11920 excavation soil stockpile, those soils and the 11906 excavated soils were left stockpiled for over 4 years. It was never determined by analytical testing that the soils were hazardous. Furthermore, it is conceivable that over the 4 year period (1988 - 1992) the hydrocarbons present in the soils would have likely volatilized and further degraded to a level rendering the soils as non-hazardous material. Now that it has been indicated that excavated soils may have been spread out around the site and are probably non-hazardous, the excavated soils should not be an issue of further concern.

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In closing, it is recommended that the DPW consider that the UST case file be closed for the two properties. This recommendation is based on the findings that site conditions show no significant outstanding soil issues. Should you have any questions or require further information regarding this summary letter, please feel free to contact myself at (805) 962-2122 or Mr. Jason Pasco representing Mission Industries at (805) 730-3609.

Sincerely,
METCALF & EDDY, INC.



David M. Bernal, R.G., R.E.A.
Senior Project Geologist

DMB/jtw

cc: Mr. Jason Pasco, Mission Industries

ATTACHMENT